

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P19771Serial No.  
09/617,099INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Susumu SEINO et al.Filing Date  
July 14, 2000Group  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Rh	1	Wang, Y., et al., <i>Rim is a putative Rab3 effector in regulating synaptic-vesicle fusion</i> , Nature, Vol. 388, 593-598 (1997).
Rh	2	Database Swall 'Online!', Andersson, B., et al., <i>Hypothetical 41.8 Kda Protein (Fragment)</i> , retrieved from EBI, Database accession no. 043413 (1998).
Rh	3	Database EMBL 'Online!', Ohara, O., et al., <i>Homo Sapiens mRNA for KIAA0751 protein, complete cds</i> , retrieved from EBI, Accession no. AB018294 (1998).
Rh	4	Ozaki, N., et al., <i>cAMP-GEFII is a direct target of cAMP in regulated exocytosis</i> , Nature Cell Biology, Vol. 2, 805-811 (2000).
Rh	5	Wang, Y., et al., <i>The RIM/NIM Family of Neuronal C2 Domain Proteins</i> , JBC, Vol. 275, No. 26, 20033-20044 (2000).

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RITA MITRA

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Rh	1	Jones, P.M. and Persaud, S.J., <i>Protein Kinases, Protein Phosphorylation, and the Regulation of Insulin Secretion from Pancreatic <math>\beta</math>-Cells</i> , Endocrine Rev., Vol 19, 429-461 (1998).
Rh	2	Inagaki, N. et al., <i>Cloning and Functional Characterization of a Third Pituitary Adenylate Cyclase-Activating Polypeptide Receptor Subtype Expressed in Insulin-Secreting Cells</i> , Proc. Nat. Acad. Sci., 91, 2679-2683 (1994).
Rh	3	Gonoi, T. et al., <i>Functional Neuronal Ionotropic Glutamate Receptors are Expressed in the Non-Neuronal Cell Line MIN6</i> , J. Bio. Chem., Vol. 269, No. 25, 16989-169925 (1994).

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				Applicant Susumu SEINO et al.		<div style="position: relative; width: 100px; height: 100px;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(90deg); font-weight: bold;">O I P E</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">RECEIVED</div> <div style="position: absolute; top: 10%; left: 10%;">OCT 18 2000</div> <div style="position: absolute; top: 30%; left: 10%;">OCT 16 2000</div> <div style="position: absolute; top: 50%; left: 10%;">TECH CENTER 1600</div> <div style="position: absolute; top: 50%; left: 30%;">TRADEMARK OFFICE</div> </div>	
				Filing Date July 14, 2000			
<b>U.S. PATENT DOCUMENTS</b>							
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Rh		1		Rothman, J.E., <i>Mechanisms of Intracellular Protein Transport</i> , Nature, 372, 55-63 (1994).			
Rh		2		Südhof, T.C., <i>The Synaptic Vesicle Cycle: A Cycle of Protein-Protein Interactions</i> , Nature, 375, 645-653 (1995).			
Rh		3		Hawkins, R.D., et al., <i>Learning to Modulate Transmitter Release: Themes and Variations in Pynaptic Plasticity</i> , Annu. Rev. Neurosci., 16, 625-665 (1993).			
Rh		4		Lonart, G., et al., <i>Mechanisms of Action of rab3A in Mossy Fiber LTP</i> , Neuron, 21, 1141-1150 (1998).			
Rh		5		Renström, E., et al., <i>Protein Kinase A-Dependent and Independent Stimulation of Exocytosis by cAMP in Mouse Pancreatic B-Cells</i> , J. Physiology, 502.1, 105-118 (1997).			
Rh		6		Yoshimura, K., et al., <i>Cyclic AMP Potentiates Substance P-Induced Amylase Secretion by Augmenting the Effect of Calcium in the Rat Parotid Acinar Cells</i> , Biochemica et Biophysica Acta, 1402, 171-187 (1998).			
Rh		7		De Rooij, J., et al., <i>Epac is a Rap1 Guanine-Nucleotide-Exchange Factor Directly Activated by Cyclic AMP</i> , Nature, 396, 474-477 (1998).			
Rh		8		Kawasaki, H., et al., <i>A Family of cAMP-Binding Proteins that Directly Activate Rap1</i> , Science, 282, 2275-2279 (1998).			
Rh		⑨		Wang, Y., et al., <i>Rim is a Putative Rab3 Effector in Regulating Synaptic-Vesicle Fusion</i> , Nature, 388, 593-598 (1997). ✓			
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Rh	1	1		<i>Expression Vectors</i> , Catalog of Vectors, BIOS Scientific Publishers Ltd., 9-12 (1994).			
Rh	1	2		<i>Introduction of Plasmid DNA into Cells</i> , Current Protocols in Molecular Biology, Vol 1, Unit 1.8, 1.8.1-1.8.10 (1997).			
Rh	1	3		<i>Introduction of DNA into Mammalian Cells</i> , Current Protocols in Molecular Biology, Vol 1, Chapter 9, 9.0.1-9.8.2 (1997).			
Rh	1	4		<i>Transduction of Genes Using Retrovirus Vectors</i> , Current Protocols in Molecular Biology, Vol 1, Unit 9.9, 9.9.1-9.17.3 (1996).			
Rh	1	5		<i>Immunology</i> , Current Protocols in Molecular Biology, Vol 1, Chapter 11, 11.0.1-11.16.13 (1997).			
Rh	1	6		Prentki, M. and Matschinsky, F. M., <i>Ca<sup>2+</sup>, cAMP, and Phospholipid-Derived Messengers in Coupling Mechanisms of Insulin Secretion</i> , Phys. Reviews, 67, 4, 1185-1248 (1987).			
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Sheet 2 of 2

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Rh

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Rm

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*Rm*

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Tanaka, J., et al., *Cellular Distribution of the P2X<sub>4</sub> ATP Receptor mRNA in the Brain and Non-Neuronal Organs of Rats*, Arch. Histol. Cytol., 59, 5, 485-490 (1996).

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